

PULL HANDLE FOR INVALID WALKERS

TECHNICAL FIELD

5 Simply this device is mechanical in nature to aid loved ones or assistants in taking invalids on excursions

BACKGROUND OF THE INVENTION

10 Invalid walkers have been designed so far except for a very few, with a seat facing backwards and it is with great difficulty if not completely impossible to keep an outing in motion with existing rear facing handles.

15 Walkers already take advantage of lightweightness portability and easy storage especially when compared to a wheelchair or a scooter and cost is also a consideration.

For most invalids fatigue or balance problems would make placing the seat on the front of the walker or over a forward-facing basket would be impractical.. Hence according
20 to this invention a forward facing handle on an inexpensive generic walker would be invaluable to the invalid and their caretakers.

SUMMARY OF THE INVENTION

A forward facing handle can help pull, push, turn in a circle if need be. It can be stored in an upright position 5 and secured with a strip of hook and loop type fastener or other. It will not interfere with an unassisted walk nor will it add significant weight.

Friends and family or caretakers will fall in love with the new ability to assist when the invalid one is tired. 10 This would be most noticeable and most appreciative during a long outing or when an appointment must be met, sometimes either can be mentally exhausting or taxing for either one.

As stated earlier merely moving the seat to the other side of the walker may exclude the need to have a handle at 15 all but would increase the chance of a fall trying to turn the walker around or walking around it in order to sit.

Other features and objects of this invention will become apparent from the following description made with reference to the accompanying drawings, in which:

BRIEF DESCRIPTION OF DRAWINGS

Fig. 1 is a perspective view of a "generic" type walker usually possessing a seat and two handles with brakes.

5 Fig. 1-a is a perspective view of a "generic" type walker usually possessing a seat and two handles with brakes.

Fig. 1-b is the embodiment of a "cane" type adjustable (or telescoping) handle attached to a "generic" type walker.

10 Fig. 1-c is a perspective view and a blow-up of a "generic" adjuster button from Fig. 1-e .

Fig. 1-d is an endview of a "generic" adjuster button in the handle tubing of the blown up view from Fig. 1-c .

Fig. 1-e is a perspective exploded view of a "cane" type adjustable (or telescoping) handle.

15 Fig. 1-f is a perspective drawing of a possible attachment clamp.

Fig. 1-g is a blown-up perspective view of Fig. 1-f .

Fig. 1-h is a perspective view of a "U" type handle on a "generic" type walker.

20 Fig. 1-i is a perspective exploded view of a "fits-all" type extendable or expandable "U" type handle.

Fig. 1-j is a perspective view of the embodiment of a "T" type handle attached to a "generic" type walker.

25 Fig. 1-k is a perspective exploded view of a "T" type handle.

Fig. 1-l is a perspective drawing of a possible attachment clamp.

Fig. 1-m is a perspective exploded view showing details of a possible attachment clamp.

Fig. 2 is a perspective view of the embodiment of a "U" shaped handle according to this invention.

5 Fig. 3 is a perspective view of a split-foam grip to be slid over the "U" shaped handle with a 110° bend as in Fig. 4.

Fig. 4 is a perspective rear view of the "U" shaped handle with a 110° bend showing its adjustable width capabilities.

10 Fig. 5 is a perspective view of a protective plastic end cap to be inserted in the end of the metal tubing of all models of pull handle.

Fig. 6 is a side view of the same protective (safety) end cap.

Fig. 7 is a bottom view of the same protective end cap.

15 Fig. 8 is a perspective view of the embodiment of a single or "L" type handle with a wagon type pull on its' end according to this invention.

Fig. 9 is a top view of a common hose clamp.

Fig. 10 is a perspective view of the embodiment of a "T" type pull (as an alternative pull) according to this invention.

20 Fig. 11 is a top view of the embodiment of a swivel mount for a single or "L" type handle according to this invention.

Fig. 12 is a side view of the same swivel mount.

Fig. 13 is a common lock nut with nylon insert.

25 Fig. 14 is a common machine screw of the same thread and pitch; approx. 5 cm. long (2 inches).